

FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

133658-2

SERIAL NO.

10/747,715

Applicant

Tiberiu M. Siclovan et al.

Filing Date

12/26/03

Group

1616

1618

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc)

AR	Database Crossfire, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002300651, Database accession No. BRN:169730, abstract & J. Amer. Chem. Soc., Vol. 96, 1974, pp. 5495-5508
AS	Database Crossfire, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002300652, Database accession No. BRN:5510834, abstract & J. Amer. Chem. Soc., Vol. 51, No. 25, 1986, pp. 5040-5041
AT	Database Crossfire, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002300653, Database accession No. BRN:3551523, abstract & Bull. Acad. Sci., Vol. 38, No. 3.2, 1989, pp. 579-580

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Substitute for form 1449/PTO **INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

Complete if Known

Application Number	10/747,715
Filing Date	12/26/03
First Named Inventor	Michael C. Montalto
Art Unit	1616 1618
Examiner Name	Dameron L. Jones
Attorney Docket Number	133658-2

(Use as many sheets as necessary)

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ₂
DP	AA	Maria M. Pi ken, M.D., Ph.D., "The Changing Concepts of Amyloid", <i>Arch Pathol Lab Med.</i> , 2001; 125, pp. 8-9, 40-43.	<input type="checkbox"/>
	AB	G.W. Small, et al., "In Vivo Brain Imaging of Tangle Burden In Humans", <i>Journal of Molecular Neuroscience</i> , 2002; 19, pp. 323-327.	<input type="checkbox"/>
	AC	C.A. Mathis, et al., "A Lipophilic Thioflavin-T Derivative for Positron Emission Tomography (PET) Imaging of Amyloid in Brain", <i>Bioorganic & Medicinal Chemistry Letters</i> , 2002; 12, pp. 295-298.	<input type="checkbox"/>
	AD	W.E. Klunk, et al., "Quantifying Amyloid β -Peptide ($A\beta$) Aggregation Using the Congo Red- $A\beta$ (CR- $A\beta$) Spectrophotometric Assay", <i>Analytical Biochemistry</i> , 1999; 266, pp. 66-76.	<input type="checkbox"/>
	AE	C.A. Mathis, Ph.D., et al., "Imaging Technology for Neurodegenerative Diseases-Progress Toward Detection of Specific Pathologies", <i>Arch neurol</i> , 2005; 62, pp. 196-200.	<input type="checkbox"/>
	AF	N Okamura, et al., "A Novel Imaging Probe for In Vivo Detection of Neuritic and Diffuse Amyloid Plaques in the Brain", <i>Journal of Molecular Neuroscience</i> , 2004; 24, pp. 247-255.	<input type="checkbox"/>
AG	M. Sunde, et al., "Common Core Structure of Amyloid Fibrils by Synchrotron X-ray Diffraction", <i>J. Mol. Biol</i> , 1997; 273, pp. 729-739.	<input type="checkbox"/>	

Examiner Signature	Date Considered
	8/18/06

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Complete if Known

Application Number	10/747,715
Filing Date	12/26/03
First Named Inventor	Michael C. Montalto
Art Unit	1616 / 1618
Examiner Name	Dameron L. Jones
Attorney Docket Number	133658-2

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ₂
	AA	Maria M. Pi ken, M.D., Ph.D., "The Changing Concepts of Amyloid", <i>Arch Pathol Lab Med.</i> , 2001; 125, pp. 8-9, 40-43.	<input type="checkbox"/>
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	AE	C.A. Mathis, Ph.D., et al., "Imaging Technology for Neurodegenerative Diseases-Progress Toward Detection of Specific Pathologies", <i>Arch neurol</i> , 2005; 62, pp. 196-200.	<input type="checkbox"/>
	AF	N Okamura, et al., "A Novel Imaging Probe for In Vivo Detection of Neuritic and Diffuse Amyloid Plaques in the Brain", <i>Journal of Molecular Neuroscience</i> , 2004; 24, pp. 247-255.	<input type="checkbox"/>
	AG	M. Sunde, et al., "Common Core Structure of Amyloid Fibrils by Synchrotron X-ray Diffraction", <i>J. Mol. Biol</i> , 1997; 273, pp. 729-739.	<input type="checkbox"/>

Examiner Signature		Date Considered	8/18/04
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

133658-3

SERIAL NO.

10/747,715

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

Applicant

M. Montalto et al.

Filing Date

December 26, 2003

Group

1618

JUL 19 2004

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	AA 4 5 6 0 5 3 4	12/24/85	Kung et al.			
	AB 5 2 3 1 0 0 0	07/27/93	Majocha et al.			
	AC 5 2 7 2 0 5 5	12/21/93	Haley			
	AD 5 5 2 0 9 0 4	05/28/96	Nosco et al.			
	AE 5 7 2 1 1 3 0	02/24/98	Scubert et al.			
	AF 5 7 5 0 3 4 9	05/12/98	Suzuki et al.			
	AG 5 8 1 1 3 1 0	09/22/98	Ghanbari et al.			
	AH 5 8 3 7 6 7 2	11/17/98	Schenk et al.			
	AI 6 0 5 4 1 1 4	04/25/00	Lansbury, Jr. et al.			
	AJ 6 1 1 4 1 3 3	09/05/00	Seubert et al.			
DA	AK 6 1 1 4 1 7 5	09/05/00	Klunk et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
DA	AL 8 9 0 6 2 4 2	07/13/89	PCT				
✓	AM 9 3 0 4 1 9 4	03/04/93	PCT				
✓	AN 9 7 4 1 8 5 6	11/13/97	PCT				
✓	AO 9 8 2 7 9 7 2	07/02/98	PCT				
DA	AP 0 1 8 7 3 5 4	11/22/01	PCT				

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

DA	AR	US2002/0159947A1 - 10-31-02 - Zaczek et al. - "Use of Small Molecule Radioligands to Discover Inhibitors of Amyloid-Beta Peptide Production and for Diagnostic Imaging"
DA	AS	US2002/0182152A1 - 12-5-02 - Goldstein et al. - Ocular Diagnosis of Alzheimer's Disease"
	AT	

EXAMINER

DA Jones

DATE CONSIDERED

8/18/04

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ATTY. DOCKET NO.

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10/747,715

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

(Use several sheets if necessary)

Applicant

M. Montalto et al.

Filing Date

December 26, 2003

Group

11018

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA	6 1 3 3 2 5 9	10/17/09	Klunk et al.	—	—	
BB	6 1 6 8 7 7 6	01/02/01	Klunk et al.	—	—	
BC	6 2 7 4 1 1 9	08/14/01	Barrio et al.	—	—	
BD	6 3 3 1 4 4 0	12/18/01	Nondstredt et al.	—	—	
BE						
BF						
BG						
BH						
BI						
BJ						
BK						

FOREIGN PATENT DOCUMENTS

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						YES	No
BL							
BM							
BN							
BO							
BP							

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

BR	
BS	
BT	

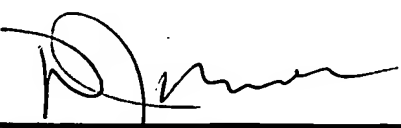
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8/18/04

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FORM PTO-1449 (REV. 7-80) (Title Amended 3/83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 133658-2		SERIAL NO. 10/747,715	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT-- <u>LIST OF ITEMS</u> (Use several sheets if necessary)				Applicant M. Montalto et al.			
				Filing Date 12/26/03		Group 1618	
OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc)							
	AU	Wen-hong Li, et al. "Mechanistic Studies of a Calcium-Dependent MRI Contrast Agent", Inorganic Chemistry, 2002, 41, pages 4018-4024					
	AV	Jean-Cosme Dodart, et al., "Immunization Reverses Memory Deficits Without Reducing Brain A Burden in Alzheimer's Disease Model", Nature Neuroscience, Vol. 5, No. 5, May 2002, 452-457/					
	AW	Dominic M. Walsh, et al., "Naturally Secreted Oligomers of Amyloid Protein Potently Inhibit Hippocampal Long-Term Potentiation in vivo", Nature, April 4, 2002, Vol. 416, pages 535-539					
	AX	Ronald B. DeMattos, et al. "Brain to Plasma Amyloid- Efflux: A Measure of Brain Amyloid Burden in a Mouse Model of Alzheimer's Disease", Science, March 22, 2002, Vol. 295, pages 2264-2267					
	AY	Jongmin Kang, et al., "The Amide Derivatives of Chrysamine G Protect Human Astrocyte Cells Against A -Induced Toxicity", Bulletin of the Korean Chemical Society, March 20, 2002, Vol. 23, No. 3, pages 363-364					
	AZ	Nancy A. Dezutter et al. "To Mama-Chrysamine G, A Probe for Beta-Amyloid Protein of Alzheimer's Disease", European Journal of Nuclear Medicine, 1999, Vol. 26, No. 11, pages 1392-1399.					
	BU	Jongmin Kang, et al. "The Amide Derivates of Chrysamine G Bind to the -Amyloid Fibril", Bull. Korean Chem. Soc., 2001, Vol. 22, No. 10, pages 1065-1066					
	BV	Rakez Kaye, et al. "Common Structure of Soluble Amyloid Oligomers Implies Common Mechanism of Pathogenesis", Science, April 18, 2003, Vol. 300, pages 486-489					
	BW	Ralph Weissleder, et al., "In Vivo Imaging of Tumors with Protease-Activated Near-Infrared Fluorescent Probes", Nature Biotechnology, April 17, 1999, Vol. 17, pages 375-378					
	BX	Angelique Y. Louie, et al. "In Vivo Visualization of Gene Expression Using Magnetic Resonance Imaging", Nature Biotechnology, March 2000, Vol. 18, pages 321-326					
	BY						
	BZ						
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